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J. Lothrop Motley, Esq., in Class III., Section 3.

Hon. Charles Francis Adams, in Class III., Section 4.

Hon. George S. Boutwell, in Class III., Section 4.

Four hundred and thirty-sixth meeting.

February 10th, 1857. — MONTHLY MEETING.

The Academy met at the house of the Hon. Nathan Appleton. The President in the chair.

The Corresponding Secretary read letters from J. Lothrop Motley and Charles Francis Adams, accepting Fellowship, and also one from J. Stuart Mill, in acknowledgment of his election as Foreign Honorary Member.

Professor Agassiz exhibited a cast of a fossil shell, recently obtained at Santa Fé de Bogotá, which he had just received from Paris. The specimen was remarkably perfect, and belonged to the genus *Chryoceras*, which has been referred to the family of *Ammonites*. It is an interesting question, bearing upon the law of correspondence of geological succession and order of position in living races, To what order of the *Cephalopoda* do the *Ammonites* belong?

Professor Agassiz proceeded to point out the characters of the two great divisions of the class, the *Acetabulifera* and the *Tentaculifera*, showing that there are characters in certain species of each which resemble those of species in the other class. He did not regard the position of the *Syphea* in the chambered shells, whether dorsal or central, as of much consequence as a distinctive feature, but rather its relative position. The fact of its being central or dorsal depended merely upon the animals being coiled one way or the other. Among the *Gasteropoda*, examples of reversed shells are well known.

In conclusion, therefore, Professor Agassiz was inclined to refer the *Ammonites* to the class of *Acetabulifera*, separating them from the *Nautiloids* among the *Tentaculifera*, with which they have been hitherto associated. All *Nautili* are smooth, whereas all *Ammonites* are ornamented on the surface. The

ornamented shell of the Argonaut among the Acetabulifera closely resembles in its waving lines and projections the shell of the Ammonites. The want of a division into distinct chambers in the Argonaut shell presents no obstacle to the association, as there are other genera of this class with chambered shells. The Ammonites are geologically later than the Nautiloids, and thus the specimen exhibited is only another illustration of the law of correspondence between geological succession and order of position among living species.

Professor Bowen read a sketch of a Memoir, entitled "Some Remarks on the Meaning and Proper Application in Science of the Terms, *A General Fact, A General Law, A Cause.*"

Professor Lovering and Dr. B. A. Gould, Jr. criticised Mr. Bowen's use, in illustration of his views, of the term *attraction*, as understood in astronomical science.

Professor Lovering announced that the first part of the sixth volume of the Memoirs was ready for distribution to the Fellows.

DONATIONS TO THE LIBRARY,

FROM APRIL 7, 1856, TO APRIL 25, 1857.

Francis C. Gray.

Reports of the Prison Discipline Society. Boston. 1826 - 54.
3 vols. 8vo. Boston. 1856.

John C. Gray.

Essays: Agricultural and Literary. 1 vol. 12mo. Boston.
1856.

B. A. Gould, Jr., P. D.

Astronomical Journal. Vol. IV. Nos. 19 - 24, Vol. V. Nos. 1 - 4.
4to. Cambridge and Albany. 1856 - 57.

L. A. Huguet Latour.

Rapport du Superintendant de l'Education, pour le Bas Canada,
pour 1854. 1 vol. 8vo. Quebec. 1855.

A Retrospective Glance at the Progressive State of the Natural
History Society of Montreal. By Major R. Lachlan. 8vo pamph.
Montreal. 1855.

Twenty-seventh and Twenty-eighth Annual Reports of the Nat-

ural History Society of Montreal. 18th May, 1855, and 19th May, 1856. 2 pamph. 8vo. Montreal. 1855 - 56.

Le Canada, et l'Exposition Universelle de 1855. (Imprimé par Ordre de l'Assemblée Législative.) 1 vol. 8vo. Toronto. 1856.

Tableaux du Commerce et de la Navigation de la Province du Canada, pour l'Année 1855. 1 vol. 8vo. Toronto. 1856.

Annual Report of the Normal, Model, Grammar, and Common Schools, in Upper Canada, for the Year 1854. With an Appendix, by the Chief Superintendent of Schools. Printed by Order of the Legislative Assembly. 1 vol. 8vo. Quebec. 1855.

The same for 1855. 1 vol. 8vo. Toronto. 1856.

Report of the Superintendent of Education for Lower Canada for 1856. 1 vol. 8vo. Toronto. 1856.

Nathan Appleton.

Memoir of Hon. Abbott Lawrence, prepared for the Massachusetts Historical Society. 8vo pamph. Boston. 1856.

William F. Channing, M. D.

The American Fire-Alarm Telegraph. A Lecture delivered before the Smithsonian Institution, March, 1855. 8vo pamph. Boston. 1855.

Professor R. Lepsius.

Standard Alphabet for reducing Unwritten Languages and Foreign Graphic Systems to a Uniform Orthography in European Letters. 1 vol. 8vo. London. 1855.

Académie des Sciences de l'Institut Imp. de France.

Comptes Rendus. Tomes XLII., XLIII., et XLIV. Nos. 3 - 10. 4to. Paris. 1856 - 57.

Supplement aux Comptes Rendus. Tome I. 4to. Paris. 1856.

Mémoires. Tome XXVII. Pt. 1. 4to. Paris. 1856.

Mémoires présentés par divers Savans. Sc. Math. et Physiq. Tome XIV. 4to. Paris. 1856.

Mécanique Industrielle. Mémoire sur un nouveau Système de Moteur fonctionnant toujours avec la même Vapeur, à laquelle on restitue, à chaque Coup de Piston, la Chaleur qu'elle a perdue en produisant l'Effect mécanique. Par M. Seguin Aîné. 4to pamph. Paris. 1856.

Funérailles de M. de Bonnard. Discourse de M. Dufrénoy, Membre de l'Académie, prononcé aux Funérailles de M. de Bonnard, le Jeudi, 8 Janvier, 1857. 4to pamph. Paris. 1857.

Society of Geography of Paris.

Bulletin 4^{ème} Série. Tômes X. – XII. 8vo. Paris. 1855 – 57.

Edward Clibborn.

American Prosperity. An Outline of the American Debit or Banking System, &c. 8vo pamph. London. 1837.

American Association for the Advancement of Science.

Proceedings of the Ninth Meeting, at Providence, R. I., August, 1855.

Society of Arts, Manufactures, and Commerce.

Journal of the Society of Arts, and of the Institutions in Union. Vol. IV. and V. Nos. 209 – 214. 8vo. London. 1855 – 56.

American Journal of Science and Arts.

Second Series. Vols. XXI., XXII., and XXIII. to No. 68. 8vo. New Haven. 1856 – 57. From the Editors.

Carl Rokitsansky.

Lehrbuch der Pathologischen Anatomie. Erstes Band. 8vo. Wien. 1855.

Colonel H. Craig.

Reports of Experiments on the Strength and Other Properties of Metals for Cannon. With a Description of the Machines for testing Metals, and of the Classification of Cannon in Service. By the Officers of the Ordnance Department, U. S. Army. By Authority of the Secretary of War. 1 vol. 4to. Philadelphia. 1856.

Administration of Mines of Russia.

Annales de l'Observatoire Physique Central de Russie. Année 1852 et 1853, Nos. 1 et 2. 3 vols. 4to. St. Petersburg. 1855.

Compte-Rendu Annuel. Année 1854. (Suppl. to Annals for 1853.) 4to. St. Petersburg. 1855.

Observations Météorologiques faites a Nijne-Taguisk (Monts Oural) Gouvernement de Perm. Année 1854. 8vo. Paris. 1854.

Les Dernières Heures de la Vie de l'Empereur Nicolas I. Traduit du Russe. 8vo pamph. Wien. 1855.

Imperial Society of Naturalists, Moscow.

Bulletin Année, 1854, Nos. 2 – 4. Année 1855, No. 1. 8vo. Moscou. 1854 – 55.

Observatory of Pulkova.

Recueil de Mémoires présentes à l'Académie des Sciences par les Astronomes de Poulkova, ou Offerts à l'Observatoire Central par d'Autres Astronomes du Pays. Publié avec l'Autorisation

de l'Académie par W. Struve, Directeur de l'Observatoire Central. 1^{ère} Vol. 4to. St. Petersburg. 1853.

Positions Moyennes pour l'Epoque de 1790, o des Etoiles Circumpolaires, dont les Observations ont été publiées par Jerome Lalande dans les Mémoires de l'Académie de Paris de 1789 et 1790, par Ivan Fedorenko, Astronome Surnuméraire à l'Observatoire de Poulkova.* Publié par Ordre de l'Académie Impériale des Sciences. 4to. St. Petersburg. 1854.

Ueber Dr. Wichmann's Bestimmung der Parallaxe des Argelanderschen Sterns von W. Döllén, Astronomen der Pulkowaer Sternwarte. 4to pamph. St. Petersburg. 1854.

Nachricht von der Vollendung der Gradmessung zwischen der Donan und dem Eismeere. Veröffentlicht der Kais. Akad. der Wissen. 8vo pamph. St. Petersburg. 1853.

Sur la Jonction des Opérations Géodésiques Russes et Autrichiennes, exécutée par Ordre des Deux Gouvernements par W. Struve, Directeur de l'Observ. Cent. de Russie. 8vo pamph. St. Petersburg. 1853.

Rapport fait à M. le Directeur de l'Observatoire Central sur les Travaux de l'Expédition de Bessarabie, Entreprise en 1852, pour terminer les Operations de la Mesure de l'Arc du Méridien. Par M. Prazmooski, Astronome de l'Observatoire de Varsovie. 8vo pamph. St. Petersburg. 1853.

Almæ Universitati Dorpatensi. Diem XII. Decembris, Anni 1852. Quo Quinquaginta Annos inde ab Origine feliciter perfectos celebrat, pie gratulantur Speculæ in Rossia Primariæ Director et Astronomi. Adjecta est Othonis Struvii Narratio de Parallaxi Stellæa Lyræ. 4to pamph. Petropoli. 1852.

Observatory of Prague.

Magnetische und Meteorologische Beobachtungen zu Prag. XIII., XIV., und XV. Jahrgang. 3 vols. 4to. Prag. 1855-56.

Zoologisch-Botanischer Verein zu Wien.

Verhandlungen. Bande I., III., IV., und V. 8vo. Wien. 1852-55.

Bericht über die Oesterreichische Literatur der Zoologie, Botanik, und Paläontologie aus den Jahren 1850-53. Herausg. von dem Zool.-botan. Verein. in Wien. 1 vol. 8vo. Wien. 1855.

Imperial Academy of Sciences, Vienna.

Sitzungsberichte. Math.-Natur. Classe. Band XV. Heft 3.

Bande XVI. – XIX., and XX. Heft 1. 8vo. Wien. 1855 – 56.
— Phil. Hist. Classe. Band XV. Heft 2, 3; XVI. Heft 1, 2;
XVII. Heft 1, 2; XIX. Heft 2; XX. Heft 1. 8vo. Wien. 1855
– 56.

Denkschriften. Math.-Natur. Classe. Bande IX. – XI. Phil.-
Hist. Classe. Band VII. 4to. Wien. 1855 – 56.

Jahrbucher der K. K. Central-Anstalt für Meteorologie und Erd-
magnetismus von Karl Kriegl. Band III. Jahr. 1851; IV. Jahr.
1852. Heraus. durch die K. Akad. der Wiss. 4to. Wien.
1855 – 56.

Almanach der Kais. Akad. der Wiss. VI. Jahrgang. 16mo.
Wien. 1856.

K. K. Geologischen Reichsanstalt, Wien.

Jahrbuch. VI. Jahr. und VII. No. 1. 8vo. Wien. 1855 – 56.

Abhandlungen. Band III. 4to. Wien. 1856.

Georg Frauenfeld.

Beobachtungen über Insectenmetamorphosen. 8vo pamph. Wien.

Beitrag zur Insectengeschichte. 8vo pamph. Wien.

Ueber die ersten Stände von Plinthus Megerlei Pz. 8vo pamph.
Wien.

Ergebnisse einer mit Unterstützung des hohen k. k. Oberst-Käm-
mereramtes an die Küsten Dalmatiens in Monat Mai und Juni 1854,
unternommenen Reise. 8vo. Wien.

Die Gallen. Versuch die durch Insecten an den Pflanzen Ver-
ursachten Auswüchse nach ihren Haupttypen und Wachstums-
verhältnissen Naturgemäss zu Gruppiren. 8vo pamph. Wien.
1855.

Aufzählung der Algen der dalmatinischen Kuste, nach einer
Sammlung des Krn. V. Vidovich in Sebenico. 8vo pamph. Wien.

Royal Society of London.

Philosophical Transactions for the Year 1855. Vol. CXLV.
Pt. 2. Year 1856. Vol. CXLVI. Pt. 1. 4to. London. 1855 – 56.

Proceedings. Vol. VII. Nos. 16, 17. Vol. VIII. Nos. 18 – 22.
8vo. London. 1855 – 56.

List of Fellows, November 30, 1855. 4to pamph. London.

Astronomical and Magnetical and Meteorological Observations
made at the Royal Observatory, Greenwich, in the Year 1854.
Under the Direction of George Biddell Airy, Esq., M. A., Royal
Astronomer. 1 vol. 4to. London. 1856.

Naturforschende Gesellschaft in Emden.

Mittheilungen. Vierzigster Jahresbericht fur 1854. 8vo pamph. Emden. 1855.

Justus Florianus Lobeck, Dr.

Quæstionum Ionicarum Liber. Quo Novam Hippocratis Editionem indicit Auctor. Fasc. Primus. 8vo. Königsberg. 1850.

Academy of Natural Sciences, Philadelphia.

Proceedings. Vol. VIII. and IX. No. 1. 8vo. Philadelphia. 1856 - 57.

Journal (N. S.). Vol. III. Pt. 3. 4to. Philadelphia. 1856.

Hon. Charles Sumner.

The Crime against Kansas. The Apologies for the Crime. The True Remedy. Speech of Hon. Charles Sumner in the Senate of the United States, 19th and 20th of May, 1856. 8vo. Washington. 1856.

Hon. Anson Burlingame.

Report of the Superintendent of the Coast Survey, showing the Progress of the Survey during the Year 1854. 1 vol. 4to. Washington. 1855.

Report of the Secretary of the Treasury on the Finances. 1853 - 54. 1 vol. 8vo. Washington.

Report of the Secretary on the State of the Finances, for the Year ending June 30, 1855. 1 vol. 8vo. Washington. 1856.

Report of the Secretary of the Treasury, transmitting a Report from the Register of the Treasury, of the Commerce and Navigation of the United States for the Year ending June 30, 1855. 1 vol. 8vo. Washington. 1855.

Message from the President of the United States to the Two Houses of Congress, at the Commencement of the First Session of the Thirty-Fourth Congress. Pt. 2 and 3. 2 vols. 8vo. Washington. 1855.

Mercantile Library Association of the City of New York.

Thirty-Fifth Annual Report of the Board of Directors. 8vo pamph. New York. 1856.

Isaac Lea, LL. D.

On the New Red Sandstone Formation of Pennsylvania. Description of a new Sub-Genus of Naiades. Description of a New Species of Triquetra. Description of New Fresh-Water Shells from California. Description of Twenty-five New Species of Exotic Uniones. 8vo pamph. Philadelphia. 1856.

Société pour Secourir les Noyés à Amsterdam.

Aperçu Historique au Sujet de la Société pour Secourir les Noyés, institué a Amsterdam. Par J. A. Kool. Traduit de Hollandais. 1 vol. 8vo. Amsterdam. 1855.

Royal Bavarian Academy.

Gelehrte Anzeigen. Bande XL. und XLI, zu Dec. 1855. 4to München. 1856.

Abhandlungen der Historisch. Classe der Königl. Bayerisch. Akad. der Wissenschaften. Band XVII. Abth. 3. 1855. Band XVIII. Abth. 1. 1856. 4to.

Abhandlungen der Math.-Physik. Classe. Band XVII. Abth. 3. 1855. 4to.

Almanach der k. bayer. Akad. der Wiss. für das Jahr 1855. 1 vol. 16mo. München. 1855.

Annalen der Königlichen Sternwarte bei Munchen. Band VIII. 1 vol. 8vo. München. 1855.

Dr. Lorenz Hübner's Biographische Charakteristik. Von Joseph Wiszmayr. 4to pamph. München. 1855.

Ueber die Gliederung der Bevölkerung des Königreichs Bayern-Festrede zur Feier des Geburtsfestes Sr. Mag. des Königs. Von Dr. Fr. B. W. von Hermann. 4to pamph. München. 1855.

Ueber den "Begriff und die Stellung des Gelehrten." Rede in der öffentlichen Sitzung der Königl. Akad. der Wiss. Am 28 März, 1856, zu ihrer 97 Stiftungsfeier, Gehalten von Friedrich von Thiersch. 4to pamph. Munchen. 1856.

Dr. C. A. F. Peters.

Astronomische Nachrichten. Bande XLI. - XLIII. 4to. Altona. 1855 - 56.

Observatory of Königsberg.

Astronomische Beobachtungen auf der Königlichen Universitäts-Sternwarte zu Königsberg. Abth. 27. Folio. Königsberg. 1856.

Massachusetts Historical Society.

Collections. Vols. II. and III. 4th Series. 8vo. Boston. 1854 - 56.

El Observatorio de Marina de San Fernando.

Almanaque Nautico, para el Año 1857, calculado de Orden de S. M. en el Observatorio de Marina de la Ciudad de San Fernando. 1 vol. 8vo. Cadiz. 1855.

Academy of Sciences, Arts, and Belles-Lettres, Dijon.

Mémoires. 2^e Serie. Tome III. 1854. Tome IV. 1855.
8vo. Dijon. 1855 – 56.

Comite Central d'Agriculture de la Côte-d'Or.

Journal d'Agriculture. 18^e Année. Tome XVII. 8vo. Dijon.
1855.

Ladrey, Secrétaire.

Congrès Scientifique de France. Vingt-unième Session. Dijon.
1855.

Sciences Naturelles et Physiques. 8vo pamph. Dijon. 1855.

Imperial Society of Natural Sciences, Cherbourg.

Mémoires. 3^e vol. 8vo. Paris et Cherbourg. 1855.

Imperial Academy of Sciences, Arts, and Belles-Lettres de Caen.

Mémoires. 2 vols. 8vo. Caen. 1855 – 56.

Royal Academy of Sciences, Madrid.

Memorias. Tomo I. Terceira Serie-Ciencias Naturales Tomo
1^o. Parte 3^a. 4to. Madrid. 1854. Tomo II. 1^a Serie-Ciencias
Exactas. Tomo I. Parte 1^a. 4to. Madrid. 1853.

Dr. John B. Trask.

Report on the Geology of Northern and Southern California,
embracing the Mineral and Agricultural Resources of those Sec-
tions. With Statistics of the Northern, Southern, and Middle
Mines. 8vo pamph. Sacramento. 1856.

American Philosophical Society.

Proceedings. Vol. VI. No. 55. Jan. – Jun., 1856. 8vo. Phila-
delphia.

D. F. L. von Schlechtendal.

Linnæa, Ein Journal für die Botanik in ihrem ganzen Umfange.
Band XVIII. Heft 1, 2, 4, und 6. Band XIX. Heft 5 und 6. Band
XX. Heft 1, 4, 5, und 6. Band XXIV. Heft 4. Band XXV. Heft.
2, 3, 5, und 6. Band XXVI. Heft 1, 2, 3, 5, und 6. Band XXVII.
Heft. 1 – 4. 8vo. Halle. 1844, 1847, 1851, 1855.

Essex Institute.

Proceedings. Vol. I. 1848 – 1856. 8vo. Salem. 1856.

Observatory of Harvard College.

Annals of the Astronomical Observatory of Harvard College.
Vol. I. Pt. 1. 4to. Cambridge. 1856.

Professor Robert Hare.

Experimental Investigations of the Spirit Manifestations, etc.
4th ed. 1 vol. 8vo. New York. 1856.

Joseph Leidy, M. D.

A Synopsis of Entozoa, and some of their Ecto-congeners, observed by the Author. 8vo pamph. Philadelphia. 1856.

Description of some Remains of Fishes from the Carboniferous and Devonian Formations of the United States. — Descriptions of some Remains of Extinct Mammalia. 4to pamph. Philadelphia. 1856.

New York University.

Ninth Annual Report of the Regents of the University, on the Condition of the State Cabinet of Natural History, and the Historical and Antiquarian Collection annexed thereto. 8vo pamph. Albany. 1856.

Seventieth Annual Report of the Regents of the University of the State of New York. Transmitted to the Legislature, January 22, 1857. 1 vol. 8vo. Albany. 1857.

Results of a Series of Meteorological Observations made in Obedience to Instructions from the Regents of the University, at sundry Academies in the State of New York, from 1826 to 1850 inclusive. Compiled by F. B. Hough, M. D., &c. 4to. Albany. 1855.

New York State Library.

Annual Report of the Trustees. 8vo pamph. 1856.

Catalogue of the New York State Library. 1855. — General Library. — Law Library. 2 vols. Royal 8vo. Albany. 1856.

Smithsonian Institution.

Smithsonian Contributions to Knowledge. Vol. VIII. 4to. Washington. 1856.

Professor J. A. Grunert.

Neue Näherungsweise Auflösung der Keplerschen Aufgabe. 8vo pamph. Wien. 1856.

Zoölogical Society of London.

Proceedings. Pt. XXIII. (1855), No. 292 to end of Vol. Pt. XXIV. (1856), No. 301–304. 8vo. London. 1855–56.

J. A. Gleizes.

Thalysie, ou La Nouvelle Existence. 3 vols. 8vo. Paris. 1840–42.

Selena, ou La Famille Samanéene. 1 vol. 8vo. Paris. 1838.

Le Christianisme Expliqué, ou Le Vritable Esprit de ce Culte méconnu jusque ce jour. 1 vol. 8vo. Paris. 1837.

British Association for the Advancement of Science.

Report of the Twenty-fifth Meeting held at Glasgow, in September, 1855. 1 vol. 8vo. London. 1856.

Royal Irish Academy.

Transactions. Vol. XXIII. Pt. 1. Science. 4to. Dublin. 1856.

Proceedings for the Year 1855-56. Vol. VI. Pt. 3. 8vo. Dublin. 1856.

Colonel Edward Sabine, R. A., &c.

On Periodical Laws discoverable in the Mean Effects of the Larger Magnetic Disturbances. No. III. 4to pamph. London. 1856.

On the Lunar-Diurnal Magnetic Variation at Toronto. 4to pamph. London. 1856.

Professor Francesco Zantedeschi.

Del Moto Rotatorio dell' Arco Luminoso dell' Elettromotore Voltiano. Nuove Esperienze del Prof. F. Zantedeschi. 8vo pamph. Vienna. 1856.

Cenni Biografici di Francesco Zantedeschi. Estratti dalla Galleria dei Naturalisti. Pubblicata da Lenoir in Vienna nel 1856. 8vo. pamph. Vienna. 1856.

Zantedeschi e Borlinetto. — Delle Differenze che Intercedono fra gli effetti prodotti dalla Luce e dal Calorico sopra i Cloruri e Joduri d'Argento. Mem. II. del Signor Zantedeschi e Borlinetto. 8vo pamph. Vienna.

J. B. Biot.

Commercium Epistolicum J. Collins et Aliorum de Analysi Promota, etc. Ou Correspondence de J. Collins et d'Autres Savants Célèbres du XVII^e. Siècle relative à l'Analyse Supérieure. Reimprimée sur l'Édition Originale de 1722, . . . et publiée par J. B. Biot et F. Lefort. 4to. Paris. 1856.

T. Sterry Hunt.

Esquisse Géologique du Canada pour servir à l'Intelligence de la Carte Géologique et de la Collection des Minéraux Economiques Envoyées à l'Exposition Universelle de Paris, 1855. Par W. E. Logan et T. Sterry Hunt. 12mo pamph. Paris. 1855.

Public Library of the City of Boston.

Fourth Annual Report of the Trustees. 8vo pamph. Boston. 1856.

Dr. N. B. Shurtleff.

A Decimal System for Libraries. 4to. Boston. 1856.

Société Zoologique d'Acclimatation.

Bulletin. Tome I., II., et IV. No. 1. 8vo. Paris. 1854, 1855, 1857.

Museum d'Histoire Naturelle de Paris.

Archives. Tome VII. Livr. 1–4. Tome VIII. Livr. 1, 2. 4to. Paris. 1853 et 1855.

Geoffroy Saint-Hilaire (Isidore).

Histoire Naturelle Générale des Règnes Organiques. Tome Deuxieme. Première Partie. 8vo. Paris. 1856.

Bulletin Mens. de la Soc. Imp. Zoöl. d'Accl. Tome III. No. 2. 8vo. Paris. 1856.

Naturhistorischer Verein der preussischen Rheinlande und Westphalens.

Verhandlungen. X Jahr. Heft 2. XII. Jahr. (Neuè Folge. 2d Jahr.) XIII. Jahr. Heft 1. 8vo. Bonn. 1853–56.

Royal Society of Sciences, Upsal.

Nova Acta Regiæ Societatis Scientiarum Upsaliensis. Third Series. Vol. I. 4to. Upsal. 1855.

Société de Physique et d'Histoire Naturelle de Genève.

Mémoires. Tome XIV. 1^{re} Partie. 4to. Geneva et Paris. 1855.

Royal Prussian Academy.

Abhandlungen der Königl. Akad. der Wiss. zu Berlin. Aus dem Jahre 1854, 1st Suppl. Band. Folio. Berlin. 1856.

Monatsbericht . . . July–Dec. 1855. 5 nos. 8vo.

E. J. Lowe, Esq., F. R. A. S., &c.

A Natural History of Ferns: British and Exotic. . . . With Colored Illustrations. Vol. I. Pt. 1–16. 8vo. London.

John D. Runkle.

New Tables for determining the Values of the Coefficients in the Perturbative Function of Planetary Motion, which depend upon the Ratio of the Mean Distances. 4to pamph. Washington. 1855.

Inauguration of the Dudley Observatory at Albany, August 28, 1856. 8vo pamph. Albany. 1856.

Imperial Academy of Sciences, Belles-Lettres, and Arts, Lyon.

Mémoires, Classe de Sciences. (Nouv. Ser.) Tomes III. – VI.

1853–56. Classe des Lettres (N. S.), Tomes III. et IV. 1853, 1854, 1855. 8vo. Lyons. 1853–56.

Société Impériale d'Agriculture, etc. de Lyon.

Annales des Sciences Phys. et Nat. d'Agricult. et d'Industrie. — Deux. Ser. Tomes IV. – VII. Royal 8vo. Lyon et Paris. 1852–1855.

American Oriental Society.

Journal. Vol. V. No. 2. 8vo. New York. 1856.

Lieutenant M. F. Maury.

Astronomical Observations made under the Direction of M. F. Maury, Lieut. United States Navy, during the Year 1848, at the United States Observatory, Washington. Published by Authority of the Secretary of the Navy. Vol. IV. 4to. Washington. 1856.

George F. Houghton.

Preliminary Report of the Natural History of the State of Vermont, by Augustus Young, State Naturalist. 8vo pamph. Burlington. 1856.

Society of Sciences, Harlem.

Natuurkundige Verhandelingen van de Hollandsche Maatschappij der Wetenschappen te Haarlem. Elfde Deel. Tweede Stuk. 4to. Haarlem. 1856.

Royal Society of Sciences, Göttingen.

Abhandlungen. Band VI. von den Jahren 1853–55. 4to. 1856.

Nachrichten. 1 vol. 12mo. Göttingen. 1856.

Royal Academy of Sciences, Stockholm.

Öfversigt af Kongl. Vetenskaps Akademiens Förhandlingar. — Tofte Årgången, 1855. 8vo. Stockholm. 1856.

Royal Institution of Great Britain.

Notices of the Meetings of the Members of the Royal Institution of Great Britain. Vol. II. Pt. 6. July 1855–56. 8vo pamph. London. 1856.

List of Members, Officers, &c. ; with the Report of the Visitors, . . . for the Year 1855. 8vo pamph. London. 1856.

Academia Naturæ Curiosorum.

Novorum Actorum Acad. Cæs. Leopold. Carol. Nat. Curios. Vol. XXV. Pars 1 et 2. 1^o Suppl. Vol. XXIV. 4to. Vratislaviæ et Bonnæ. 1855–56.

Dr. J. F. Heyfelder.

Ueber Resectionem und Amputationen. 4to. Breslau und Bonn. 1854.

Abner J. Phipps.

Proceedings on the Occasion of Laying the Corner-Stone of the Library Edifice, for the Free Public Library of the City of New Bedford, August 28, 1856. 12mo pamph. New Bedford. 1856.
Lieutenant J. M. Gilliss.

The United States Naval Astronomical Expedition to the Southern Hemisphere, during the Years 1849 – 52. Vol. VI. Magnetical and Meteorological Observations, under the Direction of Lieutenant J. M. Gilliss, LL. D., Superintendent. 4to. Washington. 1856. Ex. Doc.

Hon. Charles Mason.

Report of the Commissioner of Patents for the Year 1855. Arts and Manufactures. Vols. I. and II. 8vo. Washington. 1856.

Royal Academy of Sciences, Naples.

Rendiconto della Societa Reale Borbonica. Accademia delle Scienze. (Anno IV. della Nuova Serie.) 1855. Jan. – Dec. 4to. 2 pamph. Napoli. 1855.

Alcune Osservazioni sopra Taluni Remedi Proposti contro Alla Malattia della vite. In Continuazione di quelle gia pubblicate dalla R. Accad. delle Scienze nel 1851 di G. Gasparini. 4to pamph. Napoli. 1856.

Memoria sullo Incendio Vesuviano del Mese di Maggio 1855 fatta per incarico della R. Accademia delle Scienze dal Socii G. Guarini, L. Palmieri ed A. Sacchi. preceduta dalla Relazione dell' altro Incendio del 1850 fatta da A. Sacchi. . . . 4to. Napoli. 1855.

Henry Wentworth Ackland, M. D., F. R. S., etc.

Memoir on the Cholera at Oxford in the Year 1854. With Considerations suggested by the Epidemic. 4to. London. 1856.

Boston Society of Natural History.

Proceedings. Vol. V. 1854 – 56. 8vo. Boston. 1856.

Estate of Amos Binney.

The Terrestrial Air-breathing Mollusks of the United States, and the Adjacent Territories of North America. Described and Illustrated by Amos Binney. Edited by Augustus A. Gould. Vol. III. Plates. 4to. Boston. 1856.

Henry P. Tappan.

Public Education. An Address delivered in the Hall of the House of Representatives in the Capitol at Lansing, on the Evening of January 28, 1857. By Henry P. Tappan, President of the University of Michigan. 8vo pamph. Detroit. 1857.

Netherlands Government.

Flora Batava. Aflev. 180. 4to. Amsterdam.

On the Avoidance of the Violent Portions of Cyclones. With Notices of a Typhoon at the Bonin Islands. By John Rodgers, Commander U. S. N., and Anton Schönborn, Assistant Astronomer. Communicated by W. C. Redfield. . . . 8vo pamph. 1857.

Naturforschenden Gesellschaft in Emden.

Einundvierzigsten Jahresbericht für 1855. 8vo pamph. Emden. 1856.

Linnaean Society of London.

Transactions. Vol. XXII. Pt. 1. 4to. London. 1856.

Journal of the Proceedings. Botany. Vol. I. Nos. 1–3. Zoology. Vol. I. Nos. 1–3. March–Nov. 1856. 8vo. London. 1856.

List of the Society for 1856. 8vo. London.

Academy of Science of St. Louis.

Transactions. Vol. I. No. 1. 8vo. St. Louis. 1857.

Royal Society of Sciences, Leipzig.

Abhandlungen der Kon. Sach. Gesell. der Wissen. — Philolog. Historisch. Classe. Band III. pp. 489–508. — Math. Physisch. Classe. Band V. pp. 1–378. Royal 8vo. Leipzig. 1855–56.

Berichte . . . Math. Phys. Classe. 1854, No. 3; 1855, Nos. 1 und 2; 1856, No. 1. — Philol. Histor. Classe. 1855, Nos. 3 und 4; 1856, Nos. 1 und 2. 8vo. Leipzig. 1855–56.

Royal Danish Academy.

Oversigt over det Kgl. Danske Videnskabernes Selskabs Forhandlinger i Aaret 1855. 8vo. Kjöbenhavn.

Skifter 5^{te} Roekke. Natur. og Math. Afdeling 4^{de} Binds. 1^{ste} Hefte. 5^{te} Roekke. Histor. og Philos. Afdeling. 2^{de} Binds. 1^{ste} Hefte. 4to. Kjöbenhavn. 1856.

Observationes Meteorologicæ per Annos 1832–54 in Grönland Factæ. 1 vol. 4to. Hauniæ. 1856.